

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L7	2	("6864679").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/01/12 10:55
L8	2	("20040080491").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/01/12 10:59
L9	0	(10/542643).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/01/12 11:00
L10	1	10/542643	US-PGPUB; USPAT	OR	ON	2011/01/12 11:00
L11	7	"6762748"	US-PGPUB; USPAT	OR	ON	2011/01/12 12:21
L12	0	02/0866694	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/12 12:28
L13	2	"0866694"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/12 13:53
L14	71	toshinori near3 takatsuka	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/12 13:54

## EAST Search History (Prior Art)

L15	5960	345/156.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/12 13:56
L16	26	("4725978"   "5432530"   "5453758"   "5477237"   "5488204"   "5528260").PN. OR ("5973668").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/12 13:58

# EAST Search History (Prior Art)

L22	355	("1061578"   "20010011991"   "20010033270"   "20010043545"   "20010050673"   "20010051046"   "20020027547"   "20020030665"   "20020033848"   "20020045960"   "20020071550"   "20020089545"   "20020118131"   "20020118169"   "20020154090"   "20020158844"   "20020164156"   "20020180701"   "20030002246"   "20030025679"   "20030028346"   "20030043121"   "20030043174"   "20030050092"   "20030076301"   "20030076303"   "20030091377"   "20030095095"   "20030095096"   "20030098851"   "20030103043"   "20030184517"   "20030206202"   "20040080682"   "20040156192"   "20040215986"   "20040224638"   "20040239622"   "20040252109"   "20040253989"   "20040263388"   "20040267874"   "20050030048"   "20050052425"   "20050052429"   "20050083299"   "20050083307"   "20050104867"   "20050110768"   "20050204309"   "20060026521"   "20060032680"   "20060097991"   "20060181517"   "20060197750"   "20060232557"   "20060250377"   "20060274905"   "20060284836"   "20070013671"   "20070052691"   "20070080936"   "20070080938"   "20070083822"   "20070085841"   "20070152975"   "20070152977"   "20070152983"   "20070242057"   "20070247421"   "20070273671"   "20070276525"   "20070279394"   "20070290990"   "20070296709"   "20080006453"   "20080006454"   "20080007533"   "20080007539"   "20080012837"   "20080018615"   "20080018616"   "20080018617"   "20080036734"   "20080087476"   "20080088582"   "20080088596"   "20080088597"   "20080088600"   "20080094352"   "20080098330"   "20080111795"   "20080284742"   "20090058687") .PN. OR ("20090058801"   "20090073130"   "20090141046"   "20090179854"   "2798907"   "2903229"   "2945111"   "3005055"   "3965399"   "4103252"   "4110749"   "4115670"   "4121204"   "4129747"   "4158216"   "4242676"   "4246452"   "4264903"   "4293734"   "4380007"   "4380040"   "4475008"   "4570149"   "4587378"   "4644100"   "4719524"   "4734034"   "4736191"   "4739191"   "4739299"   "4752655"   "4755765"   "4766447"   "4798919"   "4810992"   "4831359"   "4848852"	US-PGPUB; OR USPAT; USOCR	ON	2011/01/12 14:00
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# EAST Search History (Prior Art)

L27	286	("1061578"   "20010011991"   "20010043545"   "20010050673"   "20010051046"   "20020027547"   "20020030665"   "20020033848"   "20020045960"   "20020089545"   "20020118131"   "20020118169"   "20020154090"   "20020158844"   "20020164156"   "20020180701"   "20030002246"   "20030025679"   "20030043121"   "20030043174"   "20030050092"   "20030076301"   "20030076303"   "20030095095"   "20030095096"   "20030098851"   "20030184517"   "20030206202"   "20040156192"   "20040215986"   "20040224638"   "20040239622"   "20040252109"   "20040253989"   "20040263388"   "20040267874"   "20050052425"   "20060026521"   "20060097991"   "20060181517"   "20060197750"   "20060250377"   "20060274905"   "20070013671"   "20070052044"   "20070052691"   "20070080936"   "20070080938"   "20070083822"   "20070085841"   "20070152977"   "20070152983"   "2798907"   "2903229"   "2945111"   "3005055"   "3965399"   "4103252"   "4110749"   "4121204"   "4129747"   "4158216"   "4242676"   "4246452"   "4264903"   "4293734"   "4380007"   "4380040"   "4475008"   "4570149"   "4587378"   "4644100"   "4719524"   "4734034"   "4736191"   "4739191"   "4739299"   "4752655"   "4755765"   "4764717"   "4798919"   "4810992"   "4831359"   "4849852"   "4856993"   "4866602"   "4897511"   "4914624"   "4917516"   "4951036"   "4976435"   "4990900"   "5008497"   "5036321"   "5053757"   "5125077"   "5159159"   "5179648"   "5186646"   "5192082"   "5231326"   "5237311"   "5305017"   "5339213"   "5367199"   "5374787"   "5404152"   "5408621". PN. OR ("5414445"   "5416498"   "5424756"   "5432531"   "5438331"   "5450075"   "5453761"   "5473343"   "5473344"   "5479192"   "5495566"   "5508703"   "5543588"   "5559301"   "5559943"   "5561445"   "5564112"   "5565887"   "5578817"   "5581670"   "5585823"   "5589893"   "5596347"   "5598183"   "5611040"   "5611060"   "5613137"   "5617114"   "5627531"   "5632679"   "5640258"   "5657012"   "5661632"   "5689285"   "5726687"   "5729219"   "5730165"   "5748185"   "5751274"   "5754890"   "5777005"   "5788438"   "5790769"   "5805144"   "5808602"   "5825353"	US-PGPUB; OR USPAT; USOCR	ON	2011/01/12 14:02
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### EAST Search History (Prior Art)

L28	26	("5956018"   "6088019"   "6200219"   "6256013"   "6373470"   "6417843").PN. OR ("6844872").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/12 14:04
L29	89	("3782205"   "4580006"   "4601206"   "4831544"   "4839838"   "5012231"   "5288078"   "5296871"   "5329276").PN. OR ("5453758").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/12 14:05
L30	40	("20010044855"   "20030009758"   "20040133910"   "20050278741"   "5329590"   "5453758"   "5477262"   "5535121"   "5592551"   "5596373"   "5737029"   "5798785"   "5805235"   "5808694"   "5917481"   "5978043"   "6002394"   "6006241"   "6078348"   "6141003"   "6177931"   "6249773"   "6268849"   "6317885"   "6336053"   "6463586"   "6496927"   "6526577"   "6545722"   "6563515"   "6571390"   "6615248"   "6631523"   "6661468"   "6732369"   "6754905"   "6772433"   "6874152"   "6978473"   "7398541").PN. OR ("7721309").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/12 14:06

### EAST Search History (Interference)

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